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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/682,547  | 10/10/2003  | Minoru Sato          | 117153              | 9736             |
| 25944   | 7590        | 05/10/2007           | EXAMINER            |                  |
| OLIFF & BERRIDGE, PLC<br>P.O. BOX 19928<br>ALEXANDRIA, VA 22320 |             |                      | NGUYEN, KEVIN M     |                  |
|   |             | ART UNIT             | PAPER NUMBER        |                  |
|   |             | 2629                 |                     |                  |
|   |             | MAIL DATE            | DELIVERY MODE       |                  |
|   |             | 05/10/2007           | PAPER               |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

|                              |                        |                     |
|------------------------------|------------------------|---------------------|
| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |
|                              | 10/682,547             | SATO ET AL.         |
|                              | <b>Examiner</b>        | <b>Art Unit</b>     |
|                              | Kevin M. Nguyen        | 2629                |

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 2/23/2007.

2a) This action is FINAL.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-10 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1-10 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO/SB/08)  
 Paper No(s)/Mail Date 2/7/07, 12/28/06

4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_

5) Notice of Informal Patent Application

6) Other: \_\_\_\_\_

***Response to Amendment***

1. Applicant's arguments, see page 9-12, filed on 2/23/2007, with respect to the rejection(s) of claim(s) 1-10 under the statutory basis for the previous rejection and objection have been fully considered and are persuasive. Therefore, the rejection and objection have been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of newly found prior art references.

***Specification***

2. The abstract of the disclosure is objected to because of two paragraphs. Correction is required. See MPEP § 608.01(b).

3. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "unit" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. **Claims 1-10** are rejected under 35 U.S.C. 102(e) as being anticipated by Salesky et al (US 6,343,313, hereinafter **Salesky**).  
6. As to **claim 1, figures 1-3 of Salesky** teaches an image displaying system (10) which has an image displaying device to display an image (12) and a plurality of terminals (18a,b,c) to store image data for said image, said image displaying device (12) and said terminals (18a,b,c) being connected with each other through a network (16) that permits their two-way communications ( $\leftarrow\rightleftharpoons\rightarrow$ ), and said image displaying device displaying an image in response to said image data transmitted thereto from each of said terminals, wherein said image displaying device comprises:
  - a communication unit (a presenter telephone 20(0)) at the displaying device side that performs two-way communications with said terminals,
  - an image data (data connection  $\leftrightarrow$ ) acquisition controlling unit (a computer of presenter 12) that acquires image data from a relevant terminal in such a way that when it acquires image data from a relevant terminal by controlling said communication unit at the displaying device side (68, fig. 3), it instructs other terminals to suspend transmission, thereby suspending transmission of image data (*handles other streams and utility service traffic, fig.2, as summarized in col. 35, lines 30-50*), and

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an image displaying unit (68) that displays an image in response to the image data acquired as the result of control by said image data acquisition controlling unit, and each of said terminals includes

a storage medium to store said image data (14),

a communication unit (20a) at the terminal side (18a) that performs two-way communications with said image displaying device (12), and

an image data (application program 60a) output controlling unit (a computer 18a) that controls said communication unit at the terminal side in such a way that the terminal suspends output of image data when it is instructed to suspend transmission by said image data acquisition controlling unit and the terminal outputs image data when it is not instructed to suspend transmission, as discussed in col.22, lines 24-66.

7. As to **claims 2, figures 1-3** of **Salesky** teaches an image displaying device (12) which is connected with a plurality of terminals (18a,b,c) to store image data through a network (16) that permits two-way communications ( $\leftarrow\rightleftharpoons\rightarrow$ )and which acquires image data from each terminal, thereby displaying an image, said image displaying device comprising:

a communication unit (20(0)) at the displaying device (12) side that performs two-way communications with each of said terminals (18a,b,c),

an image data ( $\leftrightarrow$ ) acquisition controlling unit (a computer 18a) that acquires image data from a relevant terminal (18a) in such a way that when it acquires image data from a relevant terminal by controlling said communication unit (20(0)) at the

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displaying device side (12), it instructs other terminals to suspend transmission, thereby suspending transmission of image data (*handles other streams and utility service traffic, fig.2, as summarized in col. 35, lines 30-50*), and

an image displaying unit (68) that displays an image in response to the image data acquired as the result of control by said image data acquisition controlling unit, as *summarized in col. 35, lines 30-50, and discussed in col.22, lines 24-66.*

8. As to claims 3-5, Salesky teaches a mode switching unit (22, fig. 1) that switches the split display mode to and from the sequential display mode, so that, in the split display mode (class 1, class2 and class 3), the image displaying unit displays images based on said individual image data on the divided sections of one screen and in the sequential display mode, the image displaying unit displays one image based on said individual image data on the full screen, as discussed in col. Col. 22, lines 15-66.

9. The limitation of **claim 6** is the same as those of claim 1 and therefore the claim will be rejected using the same rationale.

10. The limitation of **claim 7** is similar to those of claim 1, though in **method** form, therefore the rejection of claim 1, will be treated using the same rationale as claim 1.

11. The limitation of **claims 8 and 9** are similar to those of claim 1, though in **program** form, therefore the rejection of claim 1, will be treated using the same rationale as claim 1.

12. As to **claim 10**, **Figures 1-3 of Salesky** teaches an image displaying system (10) having a plurality of computers and a projector (a plurality of electronic whiteboards 18a,b,c) which are connected with each other through a network (16), and causing each

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computer to output image data to the projector for display, in which said projector has a network interface at the projector side which sends and receives packet data ( $\leftrightarrow$ ) through said network, the image displaying system (10) comprising:

an image data ( $\leftrightarrow$ ) receiving module to acquire image data which is output from said computer through said network interface at the projector side (18a),  
a hard disk to record the thus acquired image data (col. 22, line 67 through col. 23, line 58),

a display unit (68) to display an image based on the recorded image data, and a control unit at the projector side which controls the network interface at the projector side, the image receiving module, the hard disk, and the display unit; the controller at the projector side performs control in such a way that when it acquires image data from a specific computer, it instructs other computers to suspend transmission, thereby causing them to suspend transmission of image data, and acquires image data from said specific computer; each of said computers has a network interface at the computer side which sends and receives packet data through the network to which it is connected, a hard disk as a storing medium capable of storing image data (col. 22, line 67 through col. 23, line 58),

an image transmitting module (a telephone network 24, fig. 1) which acquires image data from this hard disk and outputs them to the projector on the network (16) through the network interface at the computer side, and

a controller at the computer side which controls the network interface at the computer side, the image transmitting module, and the hard disk, and the image

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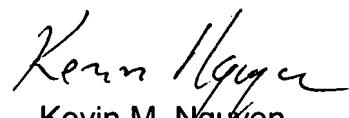
transmitting module is controlled such that the computer suspends the outputting of image data if it corresponds to the one which is instructed to suspend transmission by the controller at the projector side and the computer continues the outputting of image data if it does not correspond to the one which is instructed to suspend transmission (a conference switch 22, fig. 1).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KEVIN M. NGUYEN whose telephone number is 571-272-7697. The examiner can normally be reached on MON-THU from 8:00-6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, a supervisor RICHARD A. HJERPE can be reached on 571-272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8000.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the Patent Application Information Retrieval system, see <http://portal.uspto.gov/external/portal/pair>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kevin M. Nguyen  
Patent Examiner  
Art Unit 2629

KMN  
May 7, 2007